



CLEAN BREEZE WIND FARM GRAFTON COULD POWER ALL HOMES IN ALNWICK/HALDIMAND TOWNSHIP Update

Grafton, March 28, 2013

Clean Breeze Wind Farm Grafton, with only 5 proposed wind turbines, could produce enough clean, zero-emission energy to power approx. 2,500 average homes, i.e. all homes in Alnwick/Haldimand Township, including Grafton.

Despite the Kyoto protocol ratified by over 180 countries, carbon emissions have not decreased, but rather increased by 36%. Canada is among the top 10% of carbon emitting countries, with each of us responsible for a “high” 16 ton carbon footprint ⁽¹⁾ - each and every year.

Power produced by Clean Breeze Wind Farm Grafton could offset 12,000 (!) tons of carbon emissions – each and every year.

Despite these impressive numbers, recent feasibility studies for the project have resulted in borderline economics for the project. Therefore, the company has decided to cease development of the project. The public meeting scheduled for April 18, 2013 has been canceled.

Now, although an affordable source of clean, zero-emission wind energy is not feasible in the area, we would like to encourage people to think of alternative ways to “reduce my personal 16 ton carbon footprint” and make money with it. Here are two ideas: Insulating homes, especially roofs and basements, and installing triple pane windows can pay for itself in a few years, and save on energy costs for decades to come. If I cut my heating costs in half, savings can be as much as \$2,000 every year (which by the way is saving 10 tons CO² – year

after year). If I do it today, I will enjoy it for decades (!) to come. A win-win situation, for me and our planet.

Another good idea is electricity. The average home uses 10,000 kWh per year, which costs approximately \$2,000 (although wind energy would be cheaper @ approximately \$1,350). Modern homes with energy efficient appliances, vampire power switches and so on can use less than half this amount of electricity, i.e. I could be saving \$1,000 (this is saving 2.5 tons CO²) – year after year. Once again, a win-win situation for everybody.

Zero Emission People - It is easy to change the world, but it takes all of us - making money!

Please visit our website for more information about energy, CO² and cash ideas:
www.zeroemissionpeople.com

And to follow our story:
www.windworkspower.com

How aware are you? Why not take this simple quiz and find out?

Quiz:

1. My average carbon footprint is 16 tons CO². Every year. How long does accumulating CO² stay in the atmosphere, before it comes down as acid rain?
2. With the pole caps melting, how much would the sea level rise with all the new water?
3. Do you know what the Bloomberg Businessweek title was when late season Hurricane Sandy slashed the east coast in November last year, leaving millions of Americans without power for a week struggling to survive?

Quiz answers:

- 1.CO2 stays in the atmosphere for up to 500 years, i.e. for my kids and kids'kids and kids'kids'kids and kids'kids'kids'kids etc... (2)
2. 70m is the Sea level rise with ice caps melted (3)
3. The Bloomberg Bizweek title after hurricane Sandy was "it's global warming-stupid"(4)

References

- (1) http://en.wikipedia.org/wiki/List_of_countries_by_carbon_dioxide_emissions#List_of_countries_by_2011_emissions_estimates
- (2) http://en.wikipedia.org/wiki/Natural_gas#CO2_emissions
- (3) <http://www.nature.com/scitable/knowledge/library/modeling-sea-level-rise-25857988>
- (4) Bloomberg Businessweek November 7, 2012

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